

Comparisons of Job Characteristics

Focus Occupation: Forest Fire Inspectors and Prevention Specialists (33-2022)

Associated Occupation: Conservation Scientists (19-1031)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 71

Focus Occupation: Forest Fire Inspectors and Prevention Specialists (33-2022)

Associated Occupation: Conservation Scientists (19-1031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Biology	3.7	16.2	10.0	<< Extensive education and/or training may be required
Geography	3.9	14.3	15.8	> Current knowledge level is likely sufficient
Law and Government	5.9	11.4	12.0	0 Current knowledge level may be sufficient
History and Archeology	2.6	9.0	4.3	<< Extensive education and/or training may be required
Food Production	2.1	5.5	1.0	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Forest Fire Inspectors and Prevention Specialists (33-2022)

Associated Occupation: Conservation Scientists (19-1031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Science	4.5	9.3	5.1	<< Extensive development of skills in this area may be required
Systems Analysis	6.5	9.3	8.3	< A higher skill level may be required
Operations Analysis	5.0	9.0	3.2	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Forest Fire Inspectors and Prevention Specialists (33-2022)

Associated Occupation: Conservation Scientists (19-1031)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	14.7	13.2	<	Some improvement in abilities may be required
Oral Comprehension	12.5	14.0	13.6	0	Current ability level may be sufficient
Written Comprehension	11.0	13.7	11.5	<	Some improvement in abilities may be required
Problem Sensitivity	11.1	13.0	14.4	>	Current ability level is likely sufficient
Speech Clarity	10.2	12.7	10.3	<	Some improvement in abilities may be required
Deductive Reasoning	10.6	12.6	11.9	0	Current ability level may be sufficient
Inductive Reasoning	10.2	12.2	11.9	0	Current ability level may be sufficient
Written Expression	9.8	12.1	10.5	<	Some improvement in abilities may be required
Speech Recognition	9.9	12.0	9.5	<	Some improvement in abilities may be required
Far Vision	7.8	10.5	10.5	0	Current ability level may be sufficient
Originality	7.6	10.1	9.2	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 68

Focus Occupation: Forest Fire Inspectors and Prevention Specialists (33-2022)

Associated Occupation: Conservation Scientists (19-1031)

Work Activities	Exclusivity of Activity
Communicate technical information	4
Direct and coordinate activities of workers or staff	3
Explain government laws or regulations	68
Maintain records, reports, or files	5
Read maps	42
Use forest fire protection methods	89
Use oral or written communication techniques	1
Use public speaking techniques	13

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Forest Fire Inspectors and Prevention Specialists (33-2022)
Associated Occupation: Conservation Scientists (19-1031)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.